

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	SHUJU MAN	FIRST NAMED INVENTOR	M	ATTORNEY DOCKET NO.
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JOHN CONKLIN  
LEYDIG, VOIT & MAYER, LTD.  
TWO PRUDENTIAL PLAZA  
SUITE 4900  
CHICAGO IL 60601-6780

LM71/1001

EXAMINER

ART-UNIT	PAPER NUMBER
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10/01/99

DATE MAILED:

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

<b>Notice of Allowability</b>	Application No. <b>08/863,822</b>	Applicant(s) <b>Shulman et al.</b>
	Examiner <b>Brian Sattizahn</b>	Group Art Unit <b>2762</b>

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

This communication is responsive to the Amendment filed on Sep. 22, 1999.

The allowed claim(s) is/are 17, 19, 20, 26, 28, 30, 32, and 52.

The drawings filed on \_\_\_\_\_ are acceptable.

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All  Some\*  None of the CERTIFIED copies of the priority documents have been  received.  
 received in Application No. (Series Code/Serial Number) \_\_\_\_\_.  
 received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_.

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

Applicant MUST submit NEW FORMAL DRAWINGS

because the originally filed drawings were declared by applicant to be informal.  
 including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. \_\_\_\_\_.  
 including changes required by the proposed drawing correction filed on Feb 9, 1999, which has been approved by the examiner.  
 including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

**Attachment(s)**

Notice of References Cited, PTO-892  
 Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_  
 Notice of Draftsperson's Patent Drawing Review, PTO-948  
 Notice of Informal Patent Application, PTO-152  
 Interview Summary, PTO-413  
 Examiner's Amendment/Comment  
 Examiner's Comment Regarding Requirement for Deposit of Biological Material  
 Examiner's Statement of Reasons for Allowance

Art Unit: 2762

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Gary Jarosik on September 28, 1999.

2. The application has been amended as follows:

~~Cancel Claims 21-25, 27 and 29;~~

~~page 2, replace line 1 with -~~ ~~references to a declared entity be spelled correctly, the~~  
~~declared entity--;~~

~~page 3, replace line 1 with -~~ ~~some data type, a symbolic constant of some data type, or an~~  
~~array or structure--;~~

~~page 4, replace line 1 with -~~ ~~arguments at all. If no arguments exist the parentheses may~~  
~~be present but -~~

~~page 6, replace line 1 with -~~ ~~generates assist windows that contain program related~~  
~~information for use by a -~~

~~page 9, replace line 1 with -~~ ~~operational steps in flow diagram form;--;~~

Y6

Art Unit: 2762

*F 6*  
page 11, replace line 1 with -keystroke of an immediate section of programming language  
statement and-A

*F 7*  
page 12, replace line 1 with -window 200 as it might appear at time T1 on the display  
screen of a personal--;

page 12, line 30, replace both occurrences of "223" with --233--;

*F 8*  
page 14, replace line 1 with -can be committed as previously disclosed by pressing a  
commit key such as the--/and

page 15, line 33, replace "present character position cursor location 202 in FIG. 6" with --  
location of the present character position cursor (FIG. 5)--.

3. Any inquiry concerning this communication or earlier communications from the examiner  
should be directed to Brian Sattizahn whose telephone number is (703)305-3891.

*BR*  
bts

September 28, 1999

*ETV*  
EMANUEL TODD VOELTZ  
SUPERVISORY PATENT EXAMINER  
GROUP 2700

*YI*



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

10/01/1999

JOHN CONKLIN  
DEVOGEL, VOLK & MAYER, LTD.  
200 PRUDENTIAL PLAZA  
CHICAGO, IL 60601-6780

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/863,822	05/27/97	008	SATTIZAHN, B	2762 10/01/99
First Named Applicant	CHULMAN,	MATTHEW		

TITLE OF  
INVENTION METHOD AND APPARATUS FOR PRESENTING AND SELECTING OPTIONS TO MODIFY  
A PROGRAMMING LANGUAGE STATEMENT (C/C++ INTENDED)

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEES DUE	DATE DUE
0 1001/036	095-701.000	056	UTILITY	NO	\$1210.00	01/03/00

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.  
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS  
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give application number and batch number.

Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

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